

Converting Colors

YUV(160.0210, -71.9884,
83.2966)

Have a look what the booklet for
YUV(160.0210, -71.9884, 83.2966)
contains.

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Color

**YUV(160.0210, -71.9884,
83.2966)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8C0E
RGB	255, 140, 14
RGB Percent	100%, 55%, 5%
CMY	0.0000, 0.4510, 0.9451
CMYK	0.00, 0.45, 0.95, 0.00
HSL	31°, 100%, 53%
HSV	31°, 95%, 100%
XYZ	50.6973, 40.0479, 5.4734
YIQ	160.0210, 108.9860, -14.8060

Conversions

Conversions Part 2

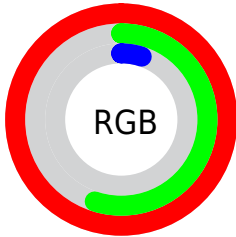
Format	Color
R _Y B	234, 255, 14
Decimal	16747534
CIE Lab	69.50, 36.95, 73.61
CIE LCh	70, 82.359, 63.347
Yxy	40.0479, 0.5269, 0.4162
Android (android.graphics.Color)	4294937614 (0xFFFF8C0E)
YUV	160.0210, -71.9884, 83.2966
Hunter-Lab	63.2834, 32.2533, 39.1703

Details

The YUV color **160.0210, -71.9884, 83.2966** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark saturated orange. A complement of this color would be **108.9790, 71.9884, -83.2966**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.8300, -59.0762, 48.3841**, and **108.7650, -53.6211, 72.1201** is the 20% darker color. If you saturate the color by 10%, you get **154.3160, -76.0778, 88.2999**, and if you desaturate by 10%, it is **170.0290, -64.1043, 74.5196**.

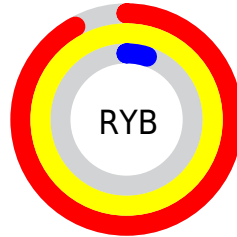
Distribution



Red (100%)

Green (55%)

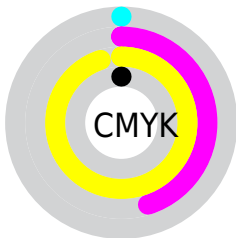
Blue (5%)



Red (92%)

Yellow (100%)

Blue (5%)

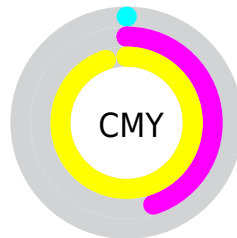


Cyan (0%)

Magenta (45%)

Yellow (95%)

Black (0%)



Cyan (0%)

Magenta (45%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.0210, -71.9884, 83.2966 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 160.0210, -71.9884, 83.2966 by changing the saturation by 10% instead.

160.0210,
-71.9884, 83.2966

160.0210,
-71.9884, 83.2966

255.0000, 0.0000,
0.0000

133.5950,
-65.8623, 78.4082

199.8300,
-59.0762, 48.3841

108.7650,
-53.6211, 72.1201

219.3440,
-55.3856, 31.2703

84.8210, -41.8168,
65.9320

239.5590,
-51.5476, 13.5418

61.4640, -30.3018,
59.2291

244.5120,
-40.1854, 9.1980

36.0580, -17.7766,
55.2001

247.7040,
-27.9551, 6.3986

20.9300, -10.3185,
43.0344

251.0100,

13.9820, -5.9071,

-15.2879, 3.4992

28.0798

254.4300, -2.1840,
0.4999

0.0000, 0.0000,
0.0000

160.0210,
-71.9884, 83.2966

160.0210,
-71.9884, 83.2966

154.3160,
-76.0778, 88.2999

170.0290,
-64.1043, 74.5196

179.9230,
-56.6570, 65.8425

190.5180,
-49.0624, 56.5507

200.4120,
-41.6151, 47.8737

210.4200,
-33.7311, 39.0967

■ 220.3140,
-26.2838, 30.4196

■ 230.3220,
-18.3997, 21.6426

■ 240.2160,
-10.9525, 12.9656

■ 250.8110, -3.3578,
3.6738

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



148.3680, -27.7894, 93.5163



160.0210, -71.9884, 83.2966



157.8070, -77.7989, 33.4953

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



160.0210, -71.9884, 83.2966



139.2250, 18.1301, -122.1003



167.9940, 42.8940, 8.7753

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



160.0210, -71.9884, 83.2966



108.9790, 71.9884, -83.2966

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



132.3820, 60.4507, -116.0990



160.0210, -71.9884, 83.2966



147.0740, 50.7425, -128.9839

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



160.0210, -71.9884, 83.2966



127.9850, -14.7826, -112.2428



143.5350, 54.9522, -125.8802



166.7730, 35.1149, 77.3751

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



160.0210, -71.9884, 83.2966



151.3740, -74.6274, -3.8360



143.5350, 54.9522, -125.8802



160.0990, 46.7862, -26.3968

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



160.0210, -71.9884, 83.2966



226.9480, -21.1734, 24.6016



99.2830, 15.1435, 136.5638



110.6570, -13.1419, 15.2098



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



160.0210, -71.9884, 83.2966



154.3160, -76.0778, 88.2999



226.3300, -104.6787, 21.6356



122.4090, -3.6526, 4.9033



115.8090, -57.0938, 65.9425



38.5070, -18.9840, 22.3574

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



108.9790, 71.9884, -83.2966



100.6840, 76.0778, -88.2999



42.6700, 104.6787, -21.6356



120.0040, 3.9420, -4.3885



75.1910, 57.0938, -65.9425



24.9060, 19.2733, -21.8426

Previews

White Background



This preview shows how the YUV color 160.0210, -71.9884, 83.2966 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 160.0210, -71.9884, 83.2966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 160.0210, -71.9884, 83.2966

Background



This preview shows how black text looks on a background with the YUV color 160.0210, -71.9884, 83.2966.



This preview shows how white text looks on a background with the YUV color 160.0210, -71.9884,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

160.0210, -71.9884, 83.2966

Protanopia

160.6350, -66.8681, 27.5071

Tritanopia

170.5040, -14.0525, 74.1030

Trichromacy



Original Color

160.0210, -71.9884, 83.2966

Protanomaly

160.5990, -68.8223, 47.7097

Tritanomaly

166.9070, -35.4502, 77.2576

Monochromacy



Original Color

160.0210, -71.9884, 83.2966

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

160.3140, -26.2838, 30.4196

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.0210, -71.9884, 83.2966 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 140, 14)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 14)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 140, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 14) }
```

Border

The CSS property to change the border of an element to YUV 160.0210, -71.9884, 83.2966 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 140, 14) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(255, 140, 14) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(255, 140, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 14);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
14) }
```


Background

The CSS property to change the background color of an element to YUV 160.0210, -71.9884, 83.2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 14) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
140, 14) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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